APRIL 1 - JULY 15

IMPAN, WARSAW

SIMONS SEMESTER

GEOMETRIC AND ANALYTIC GROUP THEORY

COLLOQUIUM
TUESDAY, 28.05.2019
16:15-17:30

ROOM 3180, MIMUW
BANACHA 2
02-097 WARSZAWA

Genevieve Walsh (Tufts University)

Incoherence of many free by free groups

Abstract: A group is coherent if every finitely generated subgroup is finitely presented. Free by cyclic groups are known to be coherent by work of Feighn and Handel. We show that many free by free groups (where the free groups have rank at least 2) are incoherent. Our techniques use fibrations of the group. We also generalize our results to wider classes of groups. This is joint work with Rob Kropholler.

Ministry of Science and Higher Education
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